



GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Representatives Present During the Inspection:

OGM Joe Helfrich

Inspection Report

Permit Number:	C0430001
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, September 01, 2015
Start Date/Time:	9/1/2015 2:00:00 PM
End Date/Time:	9/1/2015 3:00:00 PM
Last Inspection:	Monday, August 25, 2014

Inspector: Joe Helfrich

Weather: overcast light rain

InspectionID Report Number: 5320

Accepted by: JHELFRIC

10/1/2015

Permittee: **SUMMIT MINERALS INC**

Operator: **SUMMIT MINERALS INC**

Site: **SUMMIT #1 MINE**

Address: ,

County: **SUMMIT**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **FORFEITURE**

Current Acreages

14.00	Total Permitted
14.00	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- ☐ Federal
☐ State
☐ County
☒ Fee
☐ Other

Types of Operations

- ☐ Underground
☐ Surface
☐ Loadout
☐ Processing
☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The purpose of this site visit was to conduct an annual inspection of this bond forfeiture site. The Summit #1 mine was not permitted under the Title V coal program. The collateral bond was forfeited on September 25, 1995. The site was abandoned, leaving the disturbed area un-reclaimed. Inspections continued in accordance with the requirements of R645-400 through September 1, 1995. The disturbed area was reclaimed under the Title IV Abandoned Mine Program. Reclamation commenced in 1997 and was completed in 1998. The site is a bond forfeiture site and classified as such for the purpose of as needed inspections in accordance with R645-100-200. This inspection revealed that there were no off-site impacts to watersheds, streams, (Chalk Creek), or adjacent agricultural areas. A recommendation of termination of jurisdiction is appropriate pending concurrence with the land owner.

Inspector's Signature

Joseph C. Helfrich
Joe Helfrich,
Inspector ID Number: 1

Date Thursday, September 01, 2015



Note: This inspection report is issued to the permittee and the public. It is not to be used for any other purpose. The regular program of the Division of Oil, Gas and Mining. telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov

REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

The mine was not permitted under title V of the Utah Coal Regulatory Program. The Division will seek an agreement for a termination of jurisdiction pending concurrence with the land owner.

2. Signs and Markers

There are no signs or markers at this site. Fencing and vegetation established through reclamation pretty well define the boundaries of the reclaimed areas.

3. Topsoil

The topsoil at this site contains a fair amount of gravel. Grasses and forbs with a fair amount of volunteer sage brush plants are present. This year's increase in precipitation in the form of short duration high intensity storms has resulted in an increase in the overall percent cover of the vegetation at this site.

4.a Hydrologic Balance: Diversions

There is some evidence of a diversion above the highwall, however, the slope appears to have reached equilibrium and is stable.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The sediment pond remains in place as a wildlife enhancement structure. The berms of the pond are in good working order, heavily vegetated, and require no maintenance. No standing water was present at the time of inspection.

4.c Hydrologic Balance: Other Sediment Control Measures

The surface roughening techniques utilized on the reclaimed slopes have functioned as designed to encourage vegetative growth and limit runoff velocities. There was no evidence of erosion rills, gullies, or headcutting that would destabilize any of the slopes at the time of the inspection.

9. Protection of Fish, Wildlife and Related Environmental Issues

There was continued evidence of grazing throughout the site on the vegetation.

10. Slides and Other Damage

There was no evidence of slides, slumping or any other indicator of instability observed during the site visit throughout and around the reclaimed area. The area around the historical portals was observed to be stable, consistent with previous years' observations.

13. Revegetation

The vegetation is well established at this site. The areas along the road near the entrance from the main highway have been sprayed again this year as evidenced by the decadent plants. The percent cover appears to be increasing from the 2014 inspection. Species observed include the following: Great basin wild rye, gumweed, safe brush, gamble oak, silky lupine, yellow sweet clover, palmer penstomen, mountain brome, western wheat grass, salina wild rye and slender wheat grass.

16.a Roads: Construction, Maintenance, Surfacing

The access road to the mine site is the only remaining road. The condition of the access road and side slopes were observed during inspection and were observed to be stable. The side slopes of the road remain heavily vegetated with no evidence of erosion rills. The bridge crossing was stable with no evidence of scouring or undercutting observed at the time of the inspection.

16.b Roads: Drainage Controls

21. Bonding and Insurance

As noted in the summary section of this report, the collateral bond was forfeited on September 25, 1995.